Amendments to the Claims:

1. (Currently Amended) A compound arrangement comprising a first component of metal being brazed to a second component of metal, said first component having an external cylindrical surface touching ~~an cylindrical~~ a cylindrical internal surface of said second component, said first and second components being parts of a flow sensor for measuring a fluid conducted in a pipe, wherein the second component clasps the first component tightly, so that the second component exerts compressive stress on said external surface of the first component.

2. (Original) The compound arrangement as claimed in claim 1 wherein the metal of the first component is titanium.

3. (Original) The compound arrangement as claimed in claim 1 wherein the metal of the first component is stainless.

4. (Original) The compound arrangement as claimed in claim 1 wherein the metal of the second component is stainless steel.

5. (Original) The compound arrangement as claimed in claim 1 wherein an ingredient of the brazing alloy is silver.

6. (Original) The compound arrangement as claimed in claim 1 wherein an ingredient of the brazing alloy is copper.

7. (Original) The compound arrangement as claimed in claim 1 wherein an

ingredient of the brazing alloy is palladium.

8. (Currently Amended) The compound arrangement as claimed in claim 1 wherein the brazing alloy ~~is a composition of~~ comprises silver, copper, and palladium.

9. (Currently Amended) ~~The compound arrangement as claimed in claim 1~~ A compound arrangement comprising a first compound of metal being brazed to a second component of metal, said first component having a cylindrical external surface touching a cylindrical internal surface of said second component, wherein the second component clasps the first component tightly, so that the second component exerts compressive stress on said external surface of the first component, and wherein the first component is a measuring tube of a Coriolis mass flow sensor and wherein the second component is a flange of said sensor.

10. (Currently Amended)) ~~The compound arrangement as claimed in claim 1~~ A compound arrangement comprising a first compound of metal being brazed to a second component of metal, said first component having a cylindrical external surface touching a cylindrical internal surface of said second component, wherein the second component clasps the first component tightly, so that the second component exerts compressive stress on said external surface of the first component, and wherein the first component is a measuring tube of a Coriolis mass flow sensor and wherein the second component is a support tube of said sensor.

11. (Currently Amended)) ~~The compound arrangement as claimed in claim 1~~ A compound arrangement comprising a first compound of metal being brazed to a second component of metal, said first component having a cylindrical external surface touching a cylindrical internal surface of said second component, wherein the second component

clasps the first component tightly, so that the second component exerts compressive stress on said external surface of the first component, and wherein the first component is a flange of a Coriolis mass flow sensor and wherein the second component is a support tube of said sensor.

12. (Currently Amended)) ~~The compound arrangement as claimed in claim 1~~ A compound arrangement comprising a first compound of metal being brazed to a second component of metal, said first component having a cylindrical external surface touching a cylindrical internal surface of said second component, wherein the second component clasps the first component tightly, so that the second component exerts compressive stress on said external surface of the first component, and wherein the first component is a support tube of a Coriolis mass flow sensor and wherein the second component is a flange of said sensor.

13. (Currently Amended) A method of fixing a first component of metal to a second component of metal, said first and second components being parts for a flow sensor for measuring a fluid conducted in a pipe, said first component having a cylindrical external surface and said second component having a cylindrical internal surface, said second component being slipped on said first component, so that said internal surface touching said external surface, and said second component exerts permanent compressive stress on said first component, said method comprising a step of brazing said first component to said second component.

14. (Original) The method as claimed in claim 13 comprising a step of heating said first and said second components.

15. (Original) The method as claimed in claim 14, wherein the step of brazing

said first component to said second component comprises steps of melting a brazing alloy; and wetting said first and said second component with molten brazing alloy.

16. (Currently Amended) The method as claimed in claim 15, wherein the step of brazing said first and said second component ~~comprisese~~ comprises a step of allowing said first and said second components and said brazing alloy to cool down, so that said second component clasps said first component tightly.

17. (Original) The method as claimed in claim 15, wherein the step of wetting said first and said second component with molten brazing alloy comprising a step of letting penetrate said brazing alloy into a gap between said internal and said external surfaces.

18. (Original) The method as claimed in claim 13 comprising a step of heating said second component.

19. (Currently Amended) A method of forming a compound arrangement for being a part of a flow sensor for measuring a fluid conducted in a pipe, said compound arrangement comprising a first component of metal brazed to a second component of metal, said first component having a cylindrical external surface touching a cylindrical internal surface of said second component, and said second component exerts compressive stress on said first component, said method comprising steps of:

slipping said second component on said first component, for the time being said first component having an outside diameter being slightly less than an inside diameter of said second component;

melting a brazing alloy and wetting said first and said second components with said molten alloy; and

allowing said alloy, said first and said second components to cool down, so that said second component exerts compressive stress on said first component.

20. (Original) The method as claimed in claim 19 comprising a step of heating said second component.

21. (New) The method as claimed in claim 1 wherein the metal of said first component is titanium and wherein the metal of said second component is steel.

22. (New) The compound arrangement as claimed in claim 1 wherein the first component is a tube.

23. (New) The method as claimed in claim 22 wherein the metal of said first component is titanium.

24. (New) The method as claimed in claim 22 wherein the metal of said second component is steel.

25. (New) The compound arrangement as claimed in claim 1 wherein the second component is a sleeve.

26. (New) The method as claimed in claim 13 wherein the metal of said first component is titanium and wherein the metal of said second component is steel.

27. (New) The method as claimed in claim 13 wherein the first component is a tube.

28. (New) The method as claimed in claim 27 wherein the metal of said first component is titanium.

29. (New) The method as claimed in claim 27 wherein the metal of said second component is steel.

30. (New) The method as claimed in claim 13 wherein the second component is a sleeve.

31. (New) The method as claimed in claim 19 wherein the metal of said first component is titanium and wherein the metal of said second component is steel.

32. (New) The method as claimed in claim 19 wherein the first component is a tube.

33. (New) The method as claimed in claim 32 wherein the metal of said first component is titanium.

34. (New) The method as claimed in claim 32 wherein the metal of said second component is steel.

35. (New) The method as claimed in claim 19 wherein the second component is a sleeve .

36. (New) A method of producing a Coriolis mass flow sensor, said Coriolis mass flow sensor comprising a first component of metal fixed to a second component of metal, said first component having a cylindrical external surface and said second component

having a cylindrical internal surface, said second component being slipped on said first component, so that said internal surface touching said external surface, and said second component exerts permanent compressive stress on said first component, said method comprising a step of brazing said first component to said second component.

37. (New) The method as claimed in claim 36 further comprising a step of heating said first and said second components.

38. (New) The method as claimed in claim 37 wherein the step of brazing said first component to said second component comprises steps of melting a brazing alloy; and wetting said first and said second component with molten brazing alloy.

39. (New) The method as claimed in claim 38 wherein the step of brazing said first and said second component comprises a step of allowing said first and said second components and said brazing alloy to cool down, so that said second component clasps said first component tightly.

40. (New) The method as claimed in claim 38 wherein the step of wetting said first and said second component with molten brazing alloy comprising a step of letting penetrate said brazing alloy into a gap between said internal and said external surfaces.

41. (New) The method as claimed in claim 36 further comprising a step of heating said second component.

42. (New) A Coriolis mass flow sensor comprising a first component of metal fixed to a second component of metal, said first component having a cylindrical external surface and said second component having a cylindrical internal surface, said second

component being slipped on said first component, so that said internal surface touching said external surface, and said second component exerts permanent compressive stress on said first component, and said second component being brazed to said first component.

43. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the first component is a vibrating measuring tube.

44. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the first component is a flange.

45. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the second component is a support tube.

46. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the second component is a flange.

47. (New) The Coriolis mass flow sensor as claimed in claim 42 further comprising a vibrating measuring tube.

48. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the metal of the first component is titanium.

49. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the metal of the first component is stainless steel.

50. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the metal of the second component is stainless steel.

51. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein an ingredient of the brazing alloy is silver.

52. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein an ingredient of the brazing alloy is copper.

53. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein an ingredient of the brazing alloy is palladium.

54. (New) The Coriolis mass flow sensor as claimed in claim 42 wherein the brazing alloy includes silver, copper, and palladium.